$Ca_{1-x}Mg_xCO_3$ Magnesite Dolomite MgCO₃ $MgCa(CO_3)_2$ Calcite CaCO₃ (104)Intensity (a.u.) and/or disordered dolomite Low Mg-Calcite High Ca-Magnesite High Mg-Calcite 31 32 20 (degrees)

Synthesis of low and/or high Mg-Calcite and high Ca-magnesite



